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OCTOBER 22, 1996
REVISED
NOVEMBER 8, 1996

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TO: BOARD OF DIRECTORS

Los Angeles County
Metropolitan
Transportation
Authority

FROM: JOSEPH E. DREW, CHIEF EXECUTIVE OFFICER

SUBJECT: APPROVE AMENDMENT FOR INSTALLATION OF
PHOTO ENFORCEMENT EQUIPMENT AT TWELVE (12)
ADDITIONAL METRO BLUE LINE GRADE CROSSINGS AND
INCREASE AUTHORIZATION FOR EXPENDITURE (AFE)

One Gateway Plaza
Los Angeles, CA
90012

RECOMMENDATION

Approve:

213.922.6000

- a) Amendment No. 1 to Contract No. MC025 with U.S. Public Technologies, Inc. for the installation of photo enforcement equipment at 12 (twelve) additional Metro Blue Line Grade Crossings in the amount of \$290,969, increasing the Total Contract Value to \$2,284,808, which exceeds the MTA Board approved AFE amount of \$2,193,223; and
- b) an increase to the AFE in the amount of \$211,432 for a revised total AFE amount of \$2,404,655.

Mailing Address:
P.O. Box 194
Los Angeles, CA 90053

Within Construction Committee authority Yes No

ORGANIZATIONAL IMPACT

Approval of this action will permit staff to complete system installation work at 12 (twelve) grade crossings on the Metro Blue Line. This action was originally to be performed by the LADOT and Los Angeles County Department of Public Works. Due to budget constraints and resource limitations, the LADOT and Los Angeles County Department of Public Works were unable to complete this project.

BUDGET IMPACT

The funds for this action are available within the FY 97 Board approved Budget of \$3,763,333. This recommended action will increase the current Total Contract Value to \$2,284,808, which is the sum of the award value plus this Amendment. The forecasted final cost, including in-process Amendments and other anticipated changes, is \$2,404,655. The current status of the contract, including the impact of this recommended action on the contract cost and forecast is shown in Attachment 1. There is no impact to either the Fiscal Year Budget or the Sources of Funds. Project Contingency will not be affected.

Potential for cost recovery: Yes No

ALTERNATIVES CONSIDERED

The Board has the option of:

1. **disapproving this action which will cause a disruption in the completion of the project. This is a high speed section of the Blue Line. Pilot installations and the ongoing operations at five crossings have shown that the installation of the photo enforcement equipment has resulted in lowering the rate of violations at highway-rail grade crossings therefore decreasing the number of accidents and/or fatalities. Safety issues are a consideration in this matter.**
2. requesting the staff to recomplete this procurement. Due to time constraints and the scope of this amendment, it is not in the MTA's best interest to recomplete this procurement.

BACKGROUND

On March 30, 1995, U.S. Public Technologies, Inc. was awarded a Lump Sum Contract, No. MC025, to provide the installation and operation of Photo Enforcement equipment for a period of three years from the effective date of the Notice to Proceed.

Since the opening of the Metro Blue Line (MBL) through the end of June 1996, there have been 263 train/vehicle and 46 train/pedestrian collisions resulting in 30 fatalities and numerous injuries. The MTA, in cooperation with the Los Angeles County Sheriff's Department and the Municipal Courts and Traffic Engineering Officials in the cities of Compton and Los Angeles, has undertaken demonstration projects of photo enforcement equipment at three grade crossings on the MBL and has completed work at five crossings. The results have shown substantial reductions in the number of traffic violations.

The Scope of Work on Contract No. MC025 calls for USPT to installation and operate the photo enforcement equipment at 5 of the 17 Metro Blue Line grade crossings. It had been agreed that installations at the remaining 12 Metro Blue Line grade crossings would be performed by LADOT and Los Angeles County Department of Public Works under the supervision of the MC025 Contractor, but funded by the MTA. Due to LADOT and the Los Angeles Department of Public Works budget constraints and resource limitations it is now required that USPT perform the installation of the photo enforcement equipment as specified.

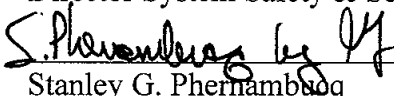
DBE (MBE/WBE) PARTICIPATION

The DBE goal for this contract is 25%. USPT has committed to meeting this goal.

ATTACHMENTS

1. Attachment 1
2. Cost Proposal
3. Cumulative Summary of Construction Committee Approvals

Prepared by: Linda Meadow
Director System Safety & Security


Stanley G. Phernambuoq

Executive Officer, Construction

ATTACHMENT 1
CONTRACT VALUE STATUS
 R89 Safety Improvement Programs
 CHANGE ORDER : MC025-CO-1.00

CONTRACTOR: U.S. PUBLIC TECHNOLOGIES, INC. - METRO BLUE LINE PHOTO ENFORCEMENT
 CHANGE TITLE: INSTALLATION OF PHOTO ENFORCEMENT CAMERA EQUIPMENT AT 12 METRO BLUE LINE CROSSINGS

CONTRACT VALUE STATUS

1.	CONTRACT AWARD AMOUNT:	\$1,993,839.00
2.	PREVIOUSLY EXECUTED CHANGES:	\$0.00
3.	CURRENT CONTRACT VALUE: (1 + 2)	\$1,993,839.00
4.	AUTHORIZED WACN'S (NTE):	\$0.00
5.	OBLIGATED CONTRACT VALUE: (3 + 4)	\$1,993,839.00
6.	VALUE OF THIS CHANGE:	\$290,968.71
7.	ESTIMATED CONTRACT VALUE: (5 + 6)	\$2,284,807.71

AUTHORIZED FOR EXPENDITURE STATUS

INCREASE IN AFE REQUIRED/REQUESTED:

8.	MTA APPROVED AFE:	\$2,193,223.00	Award + 10.00%
9.	ESTIMATED CONTRACT VALUE: (Line 7)	\$2,284,807.71	
10.	REMAINING AFE (Actual 8-9)	(\$91,584.71)	\$91,584.71 For current actual costs
11.	OTHER PENDING CHANGES (merited)	\$35,000.00	
12.	REMAINING AFE (w/CHANGES 10-11)	(\$126,584.71)	\$126,584.71 For pending changes
13.	TRENDS AND CONTINGENCIES (pending merit finding)	\$84,847.29	
14.	REMAINING AFE: (w/TRENDS 12-13)	(\$211,432.00)	\$211,432.00 For possible changes

CONTRACT BUDGET STATUS

15.	CURRENT CONTRACT BUDGET:	\$1,993,939.00	
16.	FORECAST CONTRACT VALUE: (9 + 11 + 13)	\$2,404,655.00	For all potential changes. To be funded from unallocated Project contingency if necessary.
17.	REMAINING CONTRACT BUDGET: (15-16)	(\$410,716.00)	

CONTRACT INCREASE PERCENTAGES

18.	% OF ORIGINAL AWARD VALUE (THIS CHANGE)	14.593%
19.	% OF ORIGINAL AWARD VALUE (MERITED CHANGES)	1.755%
20.	% OF ORIGINAL AWARD VALUE (ALL CHANGES)	20.604%
21.	% CONTRACT COMPLETE:	0%

REVIEWED BY MTA PROGRAM CONTROL:

DATE:

THE CUMULATIVE SUMMARY OF CONSTRUCTION COMMITTEE APPROVALS ON THE MC025 CONTRACT
SINCE DELEGATION OF AUTHORITY IN MARCH 1995

PREVIOUS CONTRACT ACTIONS/CHANGE ORDERS WITHIN THE CONSTRUCTION COMMITTEE AUTHORITY

<u>CONTRACT NO.</u>	<u>AMENDMENT # & DESCRIPTION</u>	<u>DOLLAR VALUE</u>	<u>DATE OF CONST. COMM. MTG.</u>
<u>MC025</u>	<u>NONE</u>	<u>\$0</u>	<u>Since Feb. 1996</u>