



Board Report

File #: 2018-0389, File Type: Contract

Agenda Number: 11.

FINANCE, BUDGET AND AUDIT COMMITTEE  
JULY 18, 2018

SUBJECT: BUS DRIVER CONTROL UNITS FOR TAP FAREBOXES

ACTION: APPROVE CONTRACT AWARD

**RECOMMENDATION**

AUTHORIZE the Chief Executive Officer to execute Contract No. DR54997000 to Golden Star Technology, Inc. (GST) for the purchase of 2,963 tablet devices to be mounted to the bus farebox, required for the farebox upgrades to serve as the bus operator’s Driver Control Unit (DCU), in the amount of \$5,877,413.32, subject to resolution of protest(s), if any.

**ISSUE**

In June 2018, staff presented Part 1 of contract award recommendations to the Board for fare collection equipment to upgrade aging bus fareboxes to enhance system security, prepare for new payment technologies and ensure near real-time communications.

This contract award for the tablet devices is Part 2 of the two-part procurement strategy to upgrade the TAP fareboxes.

**DISCUSSION**

Staff recommended this upgrade approach to address equipment obsolescence, enhance security of the fare collection system and prepare for new payment technologies including open payments.

The tablet-based Driver Control Unit (DCU) will be mounted to the bus farebox and is required to control and manage the bus farebox. The DCU features large full-color, high-definition display, with adjustable brightness and larger buttons for fare classification. The display is anti-glare, and bus operators are able to operate the tablet while wearing gloves. A comparison between the old and new bus operator control units can be seen in Attachment C.

**DETERMINATION OF SAFETY IMPACT**

No adverse safety impacts are anticipated.

**FINANCIAL IMPACT**

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The funding for the tablet devices is included in the \$45 million Life-of-Project budget for all Metro costs of fare collection equipment purchase, installation, and necessary software upgrades.

Impact to Budget

The funding for this contract will be included in the FY19 budget. The sources of funding for this project will be State Local Partnership Program (LPP) formula funds and local funds. The State LPP funds require a dollar for dollar match of local funds and are not eligible for bus and rail operations. The Executive Officer of TAP and Project Manager will be responsible for budgeting costs in future years, if needed.

**ALTERNATIVES CONSIDERED**

The Board may choose not to award the contract for the tablet devices. This is not recommended as complementary hardware and software for the farebox upgrades have been already awarded in June as Part 1 of the procurement strategy.

As transportation infrastructure is completed and new visitors arrive in Los Angeles for the 2028 Summer Olympics, it is important that TAP equipment is also upgraded to complement the enhanced infrastructure and provide visitors state-of-the-art fare payment options.

**NEXT STEPS**

Upon Board approval, staff will execute Contract No. DR54997000 with Golden Star Technologies Inc. (GST) to proceed with the purchase of the tablet devices to complete installation. The farebox upgrades will be completed within one year of Notice-to-Proceed (NTP).

**ATTACHMENTS**

- Attachment A - Procurement Summary
- Attachment B - DEOD Summary
- Attachment C - Comparison of Old and New Bus Operator Control Units

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