

SUBJECT***HASTUS Software Upgrade*****RECOMMENDATION**

To authorize the President and CEO to enter into a contract with GIRO, Inc., to upgrade Long Beach Transit's HASTUS-brand software, which supports the agency's transit service scheduling, timekeeping and daily service operations, for a total authorization amount not to exceed \$726,884.

BACKGROUND

In May 2000, Long Beach Transit (LBT) purchased HASTUS-brand software developed by GIRO, Inc. (GIRO), to support its transit service scheduling, timekeeping and daily operations. LBT then upgraded the software in 2008 in order to benefit from improved features and functionality.

Used in the public transit industry, HASTUS is a specialized proprietary software program which consists of a suite of modules used to produce cost-effective bus routes, create bus stops, manage bus and Operator assignments and provide timekeeping data for payroll.

HASTUS 2008 is now more than eight years old and requires upgrading in order to be compliant with LBT's current underlying technologies.

The latest HASTUS software version, HASTUS 2017, offers a number of key benefits including:

- Enhanced scheduling and Operator management for evaluating different scenarios
- Advanced optimization to help build more efficient transit schedules and Operator assignments
- Improved run-time analysis for adjusting bus schedules
- Flexibility in daily schedule creation to allow for last-minute modifications
- New tablet module to replace obsolete Personal Data Assistants (PDAs) for the National Transit Database (NTD) data collection

The HASTUS software upgrade will be a dual-phased endeavor. The first phase will consist of upgrading LBT's existing modules from version 2008 to 2017, in which a 12–18-month period is anticipated.



The second phase will consist of the Roster-Optimize module implementation, which automates the building of Operator assignments to improve efficiency, and is estimated to be completed in three to six months.

PROCUREMENT

HASTUS software modules are designed and developed exclusively by GIRO. GIRO is the sole supplier authorized to sell HASTUS software and to customize the HASTUS application's source code. Due to the proprietary status, this is a sole-source procurement.

LBT's Purchasing department conducted negotiations with GIRO, resulting in a cost reduction of five percent from the original proposed price.

The HASTUS software upgrade is a firm, fixed-fee project with a total contract amount of \$726,884, a cost determined to be fair and reasonable by LBT's Purchasing department.

ALTERNATIVES CONSIDERED

The Board may choose not to approve the recommendation. However, staff does not recommend this option as LBT would be vulnerable to the security threats imposed by not being compliant with new Microsoft Windows and database management systems.

BUDGETARY/FISCAL IMPACT

Staff is requesting authorization for the President and CEO to enter into a contract with GIRO, Inc., to upgrade Long Beach Transit's HASTUS-brand software, which supports the agency's transit service scheduling, timekeeping and daily service operations, for a total authorization amount not to exceed \$726,884.

Funds for this project have been identified in the previously approved FY 2016 Capital Budget.

A handwritten signature in blue ink, reading 'K. McDonald', written over a horizontal line.

Kenneth A. McDonald
President and Chief Executive Officer