October 15, 2010

To: Finance and Administration Committee

From: Will Kempton, Chief Executive Officer

Subject: Agreement for Bus Scheduling Software Upgrade

Overview

The Orange County Transportation Authority originally purchased the HASTUS bus scheduling software from GIRO in 1999. The current version was purchased in 2006. Staff is now seeking to upgrade to HASTUS version 2010.

Recommendation

Authorize the Chief Executive Officer to execute Agreement No. C-0-1668 between the Orange County Transportation Authority and GIRO, in an amount not to exceed $242,113, for the purchase of the HASTUS version 2010 bus scheduling and web trip planner software upgrade.

Discussion

The Orange County Transportation Authority (OCTA) implements three service changes per year and major service change work is performed using HASTUS software. The software assists staff in generating all bus schedules, blocking (cycling trips into blocks of work), run cutting (cutting the blocks into daily operator work assignments), and rostering (combining the daily work assignments into weekly work assignments).

Data and information generated from HASTUS is also used to support various programs and projects related to the execution and provision of bus service to our customers. Examples include: bus scheduling information for the bus book, bus stop cassette inserts, and "Text 4 Next"; data is exported to the automated vehicle locator, the automated coach operator reporting system, the data warehouse, Google Transit, and radio communications systems. HASTUS also includes a web component called "Just Click" which can be found on the www.OCTA.net web-site. This web feature allows our customers to plan trips on-line, 24 hours a day, seven days a week. HASTUS is also used

by OCTA's Customer Information Center to respond to customer requests for trip information over the phone.

OCTA's Service Planning and Customer Advocacy department originally purchased the HASTUS scheduling software from GIRO in 1999. The HASTUS version 2010 upgrade includes over 150 individual enhancements to the software that have been made since OCTA last implemented version 2006. The benefits of the upgrade would allow for improved manpower optimization and performance assessment, improved scheduling scenarios, and strategy comparisons; and improved reporting and data exchange. In addition to these improvements, version 2010 will help staff streamline the day-to-day work processes with new features to copy bookings, load multiple vehicle schedules, and group changes of roster sets (combines duties and days for employee assignments at each base). Lastly, version 2010 provides the opportunity to take advantage of more effective web-based coach operator bidding.

The HASTUS upgrade will include all improvements made by GIRO since the 2006 upgrade. GIRO will provide project management, configuration, algorithm calibration (optimized for OCTA's operating and contractual parameters), data migration, customizations, testing, and training services.

Procurement Approach

This procurement was handled in accordance with OCTA's sole source procurement procedures which provide for professional and technical services.

HASTUS is proprietary software developed and sold exclusively by GIRO. HASTUS is a complete software package for bus scheduling, crew scheduling, and customer trip planning. This upgrade will allow GIRO to migrate the application, configuration, and data from version 2006 to version 2010 and includes all improvements made by GIRO since the last upgrade.

This is a federally funded procurement. Federal Transit Administration (FTA) guidelines allow for sole source procurements under certain circumstances. The HASTUS software is a proprietary product with data rights restrictions. Therefore, it meets the FTA guidelines as the software is available from only one source and no other supplier can meet the requirements.

The contract is a firm-fixed price, in the amount of $242,113, for a two-year term.

Due to the fact that this is a sole source request over $50,000, OCTA's Internal Audit department has conducted a price review and has deemed the price quoted by GIRO to be fair and reasonable.

Based on the above and given the proprietary nature of GIRO's product, this award is recommended to GIRO.

Fiscal Impact

The project was approved in OCTA's Fiscal Year 2010-11 Budget, Finance and Administration/Information Systems, Account 1285-7519-IX015-AA2, and is grant funded through CA-90-Y697.

Summary

Based on the information provided, staff recommends award of Agreement No. C-0-1668 to GIRO, in the amount of $242,113, for the HASTUS version 2010 upgrade.

Attachment

None.

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