



REPORT TO COUNCIL

City of Sacramento

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Consent Report
July 17, 2007

**Honorable Mayor and
Members of the City Council**

Title: Agreement: Enterprise Job Scheduler Project

Location/Council District: Citywide

Recommendation: Adopt a **Resolution** authorizing the City Manager to execute 1) a Consultant and Professional Services Agreement with Tidal Software, Inc. for the installation and implementation of an Enterprise Job Scheduler System, for an amount not to exceed \$40,631; and 2) a Master License Agreement with Tidal Software, Inc. for the purchase of software licenses and five (5) years of maintenance and technical support services for an amount not to exceed \$250,000.

Contact: Stephen Ferguson, Chief Information Officer, 808-8600
Thanh Vo, IT Project Manager, 808-7988
Peggy Andrews, IT Supervisor, 808-5438

Presenters: None

Department: Information Technology

Division: Technical Support Services

Organization No: 1345

Description/Analysis

Issue/Objective:

On October 24, 2006, City Council Adopted a Resolution (2006-107) authorizing City staff to implement an Oracle/PeopleSoft Enterprise Resource Planning (ERP) system, also known as the electronic Citywide Accounting and Personnel System (eCAPS) to replace the legacy citywide systems for Financial and HR/Payroll operations. The City's eCAPS Project will transfer the City's Financial and Human Resource applications from a mainframe environment to a distributed server platform. The existing mainframe environment for these legacy applications provides job-scheduling software to manage the business processes, including automated scheduling, job controls, and monitoring. The distributed server software for the City's new Financial and Human Resource applications (PeopleSoft) provides a built-in scheduler that only allows submission and monitoring of jobs and processes within the PeopleSoft environment. Additionally, the City already has an Oracle/PeopleSoft

Customer Information Systems (CIS) application running in Production on a distributed platform utilizing only the PeopleSoft built-in process scheduler. The PeopleSoft Process Scheduler was not designed to handle high production loads or cross-platform application dependencies. It also lacks the functionality needed to incorporate job data triggers and job processes from other distributed sources, such as files transfers from other platforms and integration with remaining job processes on the mainframe.

The Tidal Enterprise Job Scheduling software will allow for centralized management of production applications environments and automation of operator activities across multiple platforms in the distributed environment.

Policy Considerations: This recommendation is in accordance with the FY-2006/07 Approved Budget document Strategic Planning Process. In particular, this recommendation is consistent with the Sustainable Budget Concept that includes the following areas:

- Use one-time resources strategically
- Continuous evaluation for efficiencies and effectiveness

Also, this recommendation is in accordance with the FY 2005/06 Budget Document and is consistent with “continuing a citywide Organizational Assessment process in an effort to identify both better business practices and savings to reinvest in new service demands.”

Environmental Considerations: This report concerns administrative activities that do not constitute a “project” as defined in section 15378 of the California Environmental Quality Act (CEQA) Guidelines and is otherwise exempt pursuant to section 15061(b)(3) (no significant effect on the environment) of the CEQA Guidelines.

Rationale for Recommendation: The City has identified the following business needs, concerns, and requirements:

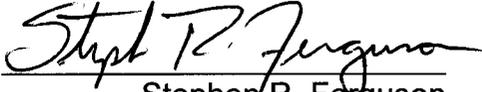
- The City needs a state-of-the-art and ease-of-use enterprise job scheduling solution for completely automating its complex batch processing across multiple platforms and streamlining the City’s batch processing, contributing to the overall datacenter efficiency and improving the performance of a wide range of its Customer Information System, Financial, Human Resources, and other legacy systems.
- The selected Enterprise Job Scheduler solution will offer a scalable, distributed architecture that coordinates cross-platform, cross-application processes running on Windows 2000, Windows 2003, Linux Suse 9, z/OS 1.7, and legacy systems, and seamlessly integrates with PeopleSoft CIS, PeopleSoft ERP, and other City’s applications.
- The selected Enterprise Job Scheduler solution will use a single interface for all platforms to define a job, the order in which a job runs, how and when the job should run, and control the job in a job flow.

Staff's recommendation follows an extensive competitive Request for Proposal (RFP) process. A team of seven staff members from the Information Technology department completed two evaluation processes. The team reviewed five original proposals, conducted two days of software/solution demonstrations, interviewed vendor references, and conducted proposal clarifications with the top two finalists with oversight from the Procurement Division. The project team negotiated with Tidal Software, Inc. on the license terms, terms and conditions for the professional services agreement and a detailed Statement of Work with extensive support and guidance from the City Attorney's Office.

Financial Considerations: No additional funding is requested. Funding is available in Capital Improvement Program Budget (CIP) 101-500-AB81.

Emerging Small Business Development (ESBD): Tidal Software, Inc. is not a qualified ESBD at this time.

Respectfully Submitted by: Thanh Vo, IT Project Manager

Approved by: 
Stephen R. Ferguson
Chief Information Officer

Recommendation Approved:


Ray Kerridge
City Manager

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ATTACHMENT 1

BACKGROUND:

The City of Sacramento is currently executing an Enterprise Resource Planning (ERP) Project in order to implement an Oracle/PeopleSoft software system to replace the legacy citywide systems for Financial and Human Resources/Payroll operations.

The City's ERP Project will move the City's Financial and Human Resource applications from a mainframe environment to a distributed server platform. The mainframe environment for these applications provides job scheduling software to manage the business processes, including automated scheduling, job controls, and monitoring. The distributed server software for the City's new Financial and Human Resource applications (PeopleSoft) provides a built-in scheduler that only allows submission and monitoring of jobs and processes within the PeopleSoft environment. The PeopleSoft Process Scheduler was not designed to handle high production loads or cross-platform application dependencies. It is lacking the functionality needed to incorporate job data triggers and job processes from other distributed sources, such as files transfers from other platforms and integration with remaining job processes on the mainframe.

Additionally, the City already has an Oracle/PeopleSoft Customer Information System application running in Production on a distributed platform utilizing only the PeopleSoft built-in process scheduler.

On March 15, 2007, staff issued a Request for Proposal for an enterprise job scheduler system. On May 2, 2007, staff received five proposals from IBM Corporation, BMC Software, UC4 Software, Computer Associate, Inc., and Tidal Software, Inc. A team of seven staff members from the Information Technology department completed two evaluation processes. The team reviewed five original proposals and elevated two Proposers for a scripted solution demonstration. The evaluation team conducted two days of software/solution demonstrations, requested proposal clarifications with the top two finalists and interviewed their references. The project team negotiated with Tidal Software, Inc. on the terms and conditions for the license, support services and professional services agreement and a detailed Statement of Work with extensive support and guidance from the City Attorney's Office.

The Tidal Enterprise Job Scheduling software will allow for centralized management of production applications environments and automation of operator activities across multiple platforms in the distributed environment. It will provide the controls for job processes to run at the correct time and in the proper order of execution. The scheduling software will allow job and job dependency creation between mainframe and distributed server environments as well as specific application integration such as PeopleSoft. The job scheduler will supply monitoring services to ensure normal job termination, along with problem error reports to allow for proactive event exception management.

Attachment 2

RESOLUTION NO.

Adopted by the Sacramento City Council

**APPROVING A CONSULTANT AND PROFESSIONAL SERVICES AGREEMENT
AND MASTER LICENSING AGREEMENT WITH TIDAL SOFTWARE, INC. FOR
THE INSTALLATION AND IMPLEMENTATION OF AN ENTERPRISE JOB
SCHEDULER SYSTEM**

BACKGROUND:

- A. On October 24, 2006, City Council Adopted a Resolution (2006-107) authorizing City staff to implement an Oracle/PeopleSoft ERP system to replace the legacy citywide systems for Financial and Human Resources/Payroll operations. The new Enterprise Resource Planning Project will transfer the City's Financial and Human Resource applications from a mainframe environment to a distributed server platform.
- B. The City currently has an Oracle/PeopleSoft Customer Information Systems (CIS) application running in production on a distributed platform utilizing only the PeopleSoft built-in process scheduler which lacks cross-platform job controls and functionality.
- C. On May 2, 2007, staff received five proposals from IBM Corporation, BMC Software, UC4 Software, Computer Associate, Inc., and Tidal Software, Inc. in response to a Request for Proposal for an enterprise job scheduler system. An evaluation team determined that Tidal Software, Inc.'s proposal best met the City's needs for an enterprise job scheduler system.

**BASED ON THE FACTS SET FORTH IN THE BACKGROUND, THE CITY COUNCIL
RESOLVES AS FOLLOWS:**

- Section 1. The City Manager is hereby authorized to execute a Consultant and Professional Services Agreement with Tidal Software, Inc. for the installation and implementation of an Enterprise Job Scheduler System for an amount not to exceed \$40,631.
- Section 2. The City Manager is hereby authorized to execute a Master License Agreement with Tidal Software, Inc. for the purchase of software licenses and five years of maintenance and technical support services, for an amount not to exceed \$250,000.