

BOARD MEETING DATE: November 3, 2017

AGENDA NO. 20

REPORT: Status Report on Major Ongoing and Upcoming Projects for Information Management

SYNOPSIS: Information Management is responsible for data systems management services in support of all SCAQMD operations. This action is to provide the monthly status report on major automation contracts and planned projects.

COMMITTEE: Administrative, October 13, 2017; Reviewed

RECOMMENDED ACTION:
Receive and file.

Wayne Natri
Executive Officer

RMM:MAH:OSM:agg

Background

Information Management (IM) provides a wide range of information systems and services in support of all SCAQMD operations. IM's primary goal is to provide automated tools and systems to implement Board-approved rules and regulations, and to improve internal efficiencies. The annual Budget specifies projects planned during the fiscal year to develop, acquire, enhance, or maintain mission-critical information systems.

Summary of Report

The attached report identifies each of the major projects/contracts or purchases that are ongoing or expected to be initiated within the next six months. Information provided for each project includes a brief project description and the schedule associated with known major milestones (issue RFP/RFQ, execute contract, etc.).

Attachment

Information Management Status Report On Major Ongoing and Upcoming Projects During the Next Six Months

ATTACHMENT
November 3, 2017 Board Meeting
Information Management Status Report On Major Ongoing and
Upcoming Projects During the Next Six Months

Project	Brief Description	Budget	Completed Actions	Upcoming Milestones
Website Evaluation & Improvements	Conduct a detailed review of the SCAQMD website to identify improvements/enhancements that can further site usability and implement items approved by Administrative Committee; improvements include new custom Calendar and changes to navigation and content organization	\$117,475	<ul style="list-style-type: none"> • Developed new Calendar • Developed new Home Page • Developed master pages and widgets • Set up beta site on SCAQMD server • Calendar fixes to improve load time completed 	<ul style="list-style-type: none"> • QA testing of all fixes applying to beta site • Preliminary user acceptance testing to finalize design and navigation • Completion of page content migration • Final QA checks and acceptance checking • Deployment of new website • Three months of site maintenance
Implementation of Enterprise Geographic Information System (EGIS)	Support accomplishment of the agency's mission through the effective and cost-efficient implementation of EGIS and related technologies	\$173,255	<ul style="list-style-type: none"> • Board approved purchase of recommended hardware and software • Formed SCAQMD EGIS Governance/Working Group • Created EGIS Governance/Working Group Charter • Created agency-wide catalog of GIS software and staff resources • Developed prioritized project list and schedule • Attended EGIS project planning meeting September 13, 2017 	<ul style="list-style-type: none"> • Continue implementation of the nine prioritized EGIS projects

Project	Brief Description	Budget	Completed Actions	Upcoming Milestones
Permitting Systems Automation	<ul style="list-style-type: none"> • New Web Application Development project to automate 400A Form Filing process 	\$300,000	<ul style="list-style-type: none"> • 400A Filing System application development completed; acceptance testing and product demonstration meetings in progress • Demo to EO, Permit Streamlining Taskforce Subcommittee, California Dry Cleaning Association and Korean Dry Cleaners & Laundry Association 	<ul style="list-style-type: none"> • Phase 2 contract amendment scheduled for December Board • Upcoming demonstration to Korean Dry Cleaners & Laundry Association
	<ul style="list-style-type: none"> • New Web Application Development project to automate processing of Dry Cleaner, Gas Station, and Automotive Spray Booth applications 	\$350,000	<ul style="list-style-type: none"> • Permit Processing Modules: Dry Cleaner, Gas Station, and Automotive Spray Booth; acceptance testing and product demonstration meetings in progress • Phase 2 Vision and Scope definition work completed and task order preparation in progress 	<ul style="list-style-type: none"> • Phase 2 contract amendment scheduled for December Board
Information Technology Review	RFP for Information Technology Review to help determine opportunities for hardware, system, and software modernization	\$75,000	<ul style="list-style-type: none"> • Contract awarded to Focal Point – work began in September 2017 • Initial internal strategy planning sessions completed • Kickoff meeting with Focal Point held September 19, 2017 • Requested documentation provided to Focal Point in early October 2017 • Interviews with subject matter experts held October 10-12, 2017 	<ul style="list-style-type: none"> • Submission of preliminary draft report

Project	Brief Description	Budget	Completed Actions	Upcoming Milestones
Permit Dashboard Statistics	Detailed: New Web Application to allow engineers to update intermediate status of applications; modification of FIND or other GIS application to display updated status to applicant	Costs unbudgeted, to be determined after requirements are known	<ul style="list-style-type: none"> • Work in progress on Vision and Scope definition and task order preparation • Task order released for proposed solution 	<ul style="list-style-type: none"> • Contract amendment scheduled for December Board
Agenda Tracking System Replacement	Replace aging custom agenda tracking system with state-of-the-art, cost-effective Enterprise Content Management (ECM) system, which is fully integrated with OnBase, SCAQMD's agency-wide ECM system	\$86,600	<ul style="list-style-type: none"> • Released RFP December 4, 2015 • Awarded contract April 1, 2016 	<ul style="list-style-type: none"> • Continue parallel testing • Final acceptance to follow successful testing and training
Replace Your Ride	New Web Application to allow residents to apply for incentives to purchase newer, less-polluting vehicles	\$211,820	<ul style="list-style-type: none"> • \$36,820 added to task order for additional user defined requirements • Phase 1 development Filing and Case Manager application functions deployed June 1, 2017 • Phase 2 development of Finance and Administrator functions delivered for testing September 1, 2017 	<ul style="list-style-type: none"> • Phase 2 Administrator Module • Schedule acceptance testing
Emission Reporting System	Upgrade outdated modem-based emission reporting system to allow internet-based reporting with up-to-date tools and methodology	\$242,000	<ul style="list-style-type: none"> • Detailed planning and architecture sessions completed • Approved by Board March 3, 2017 	<ul style="list-style-type: none"> • Modify scope of work pending RECLAIM program discussions

Project	Brief Description	Budget	Completed Actions	Upcoming Milestones
Air Quality Index Rewrite and Migration	Develop new Web Service and/or Web API to migrate Air Quality Index function from FORTRAN computer to STA's data management system	\$65,000	<ul style="list-style-type: none"> • AQI Calculation Web Service and Hourly Update development work completed, staged and ready for deployment 	<ul style="list-style-type: none"> • Deployment pending final user buyoff
CLASS Database Software Licensing and Support	Purchase Actian Ingres database software licensing, support and maintenance for the CLASS system for a three-year period (November 30, 2017 through November 30, 2020)	\$200,000	<ul style="list-style-type: none"> • Approved by the Board October 6, 2017 	<ul style="list-style-type: none"> • Execute contract November 30, 2017
Fiber Cable Network Infrastructure Upgrade	Replace the existing fiber network cable infrastructure to support core computer networking (interconnect) in the agency; the Fiber Network Cable System will support higher bandwidth (min 10 Gbps) from current (1 Gbps) to support increasing computing demands	\$250,000		<ul style="list-style-type: none"> • Release RFP November 3, 2017 • Award contract January 5, 2018 • Install fiber cable April, 2018
Prequalify Vendor List for PCs, Network Hardware, etc.	Establish list of prequalified vendors to provide customer, network, and printer hardware and software, and to purchase desktop computer hardware upgrades	\$300,000		<ul style="list-style-type: none"> • Release RFQQ November 3, 2017 • Approve Vendors List February 3, 2018
Renewal of HP Server Maintenance & Support	Purchase of maintenance and support services for servers and storage devices	\$110,000		<ul style="list-style-type: none"> • Request Board approval February 2, 2018 • Execute contract April 6, 2018