

BOARD MEETING DATE: September 1, 2017

AGENDA NO. 18

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, July 14, 2017, Reviewed

RECOMMENDED ACTION:
Receive and file.

Wayne Nastri
Executive Officer

JCM: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
September 1, 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"> • Calendar development • Home page development • Development of master pages and widgets • Beta site set up on SCAQMD server • Content migration completed • Improved site deployed 	<ul style="list-style-type: none"> • 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 Enterprise GIS 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 	<ul style="list-style-type: none"> • Develop prioritized project list and schedule based on the EGIS Implementation Plan • Create agency-wide catalog of GIS software and staff resources • Develop an Enterprise GIS education and training program

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 complete; application staged and ready for deployment Board approved \$100,000 additional funding for Phase 1 modifications and Phase 2 startup 	<ul style="list-style-type: none"> Phase 1 post deployment modifications and enhancements. Phase 2 detailed planning and business process model development
	<ul style="list-style-type: none"> New Web Application Development project to automate processing of Dry Cleaner, Gas Station, and Spray Booth applications 	\$350,000	<ul style="list-style-type: none"> Dry Cleaner, Gas Station and Automotive Spray Booth module development complete; application staged and ready for deployment Board approved \$100,000 additional funding for Phase 1 modifications and Phase 2 startup 	<ul style="list-style-type: none"> Phase 1 post deployment modifications and enhancements Phase 2 detailed planning and business model development
	<ul style="list-style-type: none"> Bay Area Software Evaluation - Assist Permitting Systems staff in assessment of Bay Area software solution for use by SCAQMD and public 	To be determined	<ul style="list-style-type: none"> Received test account from Bay Area to access demo site and experiment with BAAQMD online permit processing tools 	<ul style="list-style-type: none"> Complete initial review of Internal Dashboard and Customer Service Portals; need test facility from BAAQMD to continue testing
Information Technology Review	<ul style="list-style-type: none"> RFP for Information Technology Review to help determine opportunities for hardware, system, and software modernization 	\$75,000	<ul style="list-style-type: none"> Released RFP December 2, 2016 Contract awarded March 3, 2017 and executed in June 	<ul style="list-style-type: none"> Task 1: Develop, review scope, deliver work plan, and start implementation

Project	Brief Description	Budget	Completed Actions	Upcoming Milestones
Permit Dashboard Statistics	<ul style="list-style-type: none"> Detailed: New Web Application to allow engineers to update intermediate status of applications, and modification of FIND or other GIS application to display updated status to applicant 	Costs unbudgeted, to be determined after requirements are known	Initial requirements meeting Aug. 2016; staff identifying and finalizing intermediate statuses, method of data capture, and other user requirements	<ul style="list-style-type: none"> Continued biweekly follow-up to obtain user requirements needed for design and development work
Agenda Tracking System Replacement	<ul style="list-style-type: none"> 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"> Complete implementation October 2017
Replace Your Ride	<ul style="list-style-type: none"> New Web Application to allow residents to apply for incentives to purchase newer, less-polluting vehicles 	\$175,000	<ul style="list-style-type: none"> Phase 1 development complete. Application fully deployed and in production 	<ul style="list-style-type: none"> Phase 2 Administrator Module development in progress
Emission Reporting System	<ul style="list-style-type: none"> 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"> Modified scope of work pending RECLAIM dismantling planning

Project	Brief Description	Budget	Completed Actions	Upcoming Milestones
Air Quality Index Rewrite and Migration	<ul style="list-style-type: none"> 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 complete, staged and ready for deployment 	<ul style="list-style-type: none"> Deployment pending final user buyoff