BOARD MEETING DATE: July 6, 2018   AGENDA NO. 16

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, June 8, 2018; Reviewed

RECOMMENDED ACTION:
Receive and file.

                                        Wayne Nastri
                                        Executive Officer

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

Project	Brief Description	Budget	Completed Actions	Upcoming Milestones
Implementation of Enterprise Geographic Information System (EGIS) (Phase II)	Continue to support the agency's mission through the effective and cost-efficient implementation of EGIS and related technologies		• Purchased ESRI extensions for OnBase	• Complete the six prioritized EGIS projects: o GIS Data Development o Portal / Mobile Development o OnBase Expansion and GIS Integration o CLASS GIS Integration o One-click Site Report o System Documentation
Office 365 Implementation	Acquire and implement Office 365 for SCAQMD Staff	$300,000	Pre-assessment evaluation and planning	• Acquire Office 365 licenses • Develop implementation and migration plan • Implement Office 365 email (Exchange) and migrate all users • Implement Office 365 file storage (OneDrive for Business) and migrate users • Implement Office 365 internal website (SharePoint) and migrate existing content

Project	Brief Description	Budget	Completed Actions	Upcoming Milestones
Permitting System Automation Phase 1	New Web application to automate the filing of all permit applications with immediate processing and issuance of permits for specific application types: Dry Cleaners (DC), Gas Stations (GS) and Automotive Spray Booths (ASB)	Phase 1 $450,000	• Phase 1 400A Form Filing and DC permit processing application complete and deployed to production	
		Phase 1.1 $200,000	• Phase 1.1 DC with Facility ID integration completed and deployed to production • Phase 1.1 GS and ASB permit processing modules enhanced to support R1401 rule changes. Final acceptance testing completed and staged for deployment	• Full deployment of GS and ASB modules
Permitting System Automation Phase 2	Enhanced Web application to automate permit application process for Registration Equipment, IC Engines, and Vapor Recovery systems; and implement electronic permit folder and workflow for internal SCAQMD users	$610,000	• Phase 2 task project started May 22, 2018. Detail project plan and requirements gathering	• Database design • Functional design

Project	Brief Description	Budget	Completed Actions	Upcoming Milestones
Air Quality Index Rewrite and Migration	Develop new Web Service and/or Web Application Program Interface to migrate Air Quality Index function from FORTRAN computer to STA's data management system	$83,700	• AQI Calculation Web Service and Hourly Update development modified and enhanced to support AQ Sensors • Development work and initial acceptance testing completed • Acceptance testing completed and application moved to production	• Post production monitoring and validation
Information Technology Review Implementation	Complete Board requested Information Technology review and initiate work on implementation of key recommendations	$75,000	• Initiated Implementation Planning and Resource Requirements for key recommendations • Conducted recruitment process to fill Systems & Programming Supervisor position • Scheduled and completed Microsoft Project Plan training for all IM Managers, Supervisors and Secretaries • Established Information Technology Steering Committee, members and charter	• Office 365 Deployment planning • Configuration and deployment of Project Management software for IM team
Permit Application Status and Dashboard Statistics	New Web application to allow engineers to update intermediate status of applications; create dashboard display of status summary with link to FIND for external user review	$104,591	• Task order issued and awarded • Project started April 10, 2018 • Business process model and wire frame deliverable work completed	• Functional design and code development

Project	Brief Description	Budget	Completed Actions	Upcoming Milestones
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	• Released RFP December 4, 2015 • Awarded contract April 1, 2016 • Continued parallel testing • Conducted survey of stakeholder satisfaction • As a result of the survey responses, the decision was made to develop a custom user interface for the application.	• Revise project scope to include custom user interface • Develop plan and schedule for revised scope
Replace Your Ride (RYR)	New Web application to allow residents to apply for incentives to purchase newer, less polluting vehicles	$211,820	• Phase 2 Fund Allocation, Administration and Management Reporting modules deployed and in production	• Phase 3 collaboration with air districts for possible statewide RYR implementation
SCAQMD Mobile Application for Apple and Android phones	New mobile application to provide air quality and SCAQMD notification and event information	$126,010	• Task order issued evaluated and awarded	• July Board letter for project approval and funding
FIND System Replacement	Update and replace Facility Information Detail (FIND) application	$148,150	• Task order issued, evaluated and awarded • Detail project planning	• Wire frame development
Legal Division New System Development	Develop new web-based case management system for Legal Division to replace existing JWorks System	$500,000	• New system development for Legal Division approved March 2, 2018	• Task order issuance, evaluation and award
Document Conversion Services	Document Conversion Services to convert paper documents stored at SCAQMD facilities to electronic storage in OnBase	$82,000		• Release RFP July 6, 2018 • Approve qualified vendors October 5, 2018

Shaded Projects –   Projects completed and will be removed from this list on subsequent reports

Completed Projects	
Project	Date Completed
CLASS Database Software Licensing and Support	November 30, 2017
Website & Evaluation Improvements	January 6, 2018
Information Technology Review	January 31, 2018
Prequalify Vendor List for PCs, Network Hardware, etc.	February 3, 2018
Renewal of HP Server Maintenance & Support	April 6, 2018
Enterprise Geographic Information System (EGIS) (Phase I)	May 30, 2018
Fiber Cable Network Infrastructure Upgrade	May 30, 2018