BOARD MEETING DATE: October 6, 2017   AGENDA NO. 12

PROPOSAL: Issue Purchase Order for Ingres Relational Database Management System Software Support

SYNOPSIS: The Ingres Relational Database Management System is used for the implementation of the Central Information Repository database. This database is used by most enterprise-level software applications at the SCAQMD and currently supports a suite of client/server and web-based applications known collectively as the Clean Air Support System (CLASS). The CLASS applications are used to support all of the SCAQMD's core activities. Maintenance support for this software expires on November 29, 2017. This action is to issue a purchase order with Actian Corporation for a total amount not to exceed $208,647. Funds for this expense are included in the FY 2017-18 Budget.

COMMITTEE: Administrative, September 8, 2017; Recommended for Approval

RECOMMENDED ACTION:
Authorize the Procurement Manager to issue a purchase order with Actian Corporation (formerly Ingres Corporation) for Ingres Relational Database Management System software licensing, maintenance and support, for the period of November 30, 2017 through November 29, 2018, for a total amount not to exceed $208,647.

                                        Wayne Nastri
                                        Executive Officer

WN:JCM:MH:cj

Background
In December 2014, the SCAQMD entered into a three-year annual support and maintenance agreement for Ingres Relational Database Management System (RDBMS) software. The RDBMS software runs on three database servers for production, development, and ad hoc reporting. The production server hosts the Central Information Repository database. This database supports a collection of more than 30 client/server and web-based applications known as the Clean Air Support System (CLASS). The CLASS application suite supports permits administration and processing of equipment-based and- facility-based permits; emissions offsetting, monitoring and

inventory management for New Source Review, RECLAIM and annual emission reporting operations; compliance-related complaint, inspection, assignment, notification, investigation and settlement operations; and financial accounts receivable operations. The development server supports software development for the CLASS and other computers accessing the Central Information Repository. The decision support server supports CLASS system ad-hoc query and reporting; and web-based inquiry applications. These applications are an integral component of the SCAQMD's day-to-day responsibilities. The RDBMS software licensing, maintenance and support expires on November 29, 2017.

Ingres maintenance includes the following services:

| Software Maintenance | Licensed product updates, enhancements, and repairs. |
| Software Support | Assistance in resolving online operating difficulties, system failures, Ingres application-related problems, potential system bugs, and installation and upgrade issues. |

Sole Source Justification
Section VIII.B.2 of the Procurement Policy and Procedure identifies circumstances under which a sole source purchase award may be justified. These requests for a sole source award are made under provision VIII.B.2.c.(2) the project involves the use of proprietary technology, and VIII.B.2.c.(3) the contractor has ownership of key assets required for project performance. Previous quotes indicated it would cost well over $1 million to convert the CLASS applications to another relational database. Actian Corporation (formerly Ingres Corporation) is the sole manufacturer and provider of this software and therefore the only source for its maintenance and support licensing agreements.

Proposal
Staff recommends the issuance of a one-year purchase order for RDBMS software licensing, maintenance and support to provide continued support for SCAQMD's CLASS applications in an amount not to exceed $208,647. Staff investigated the cost of entering into a multiyear agreement for these services as opposed to an annual agreement. The vendor required prepayment for any multiyear agreement. Actian has performed well in the past providing timely technical support, updates and patches.

Resource Impacts
Sufficient funds are available in Information Management's FY 2017-18 Budget, Services and Supplies Major Object, under the Professional and Special Services account.